

Bicycle accommodations are proposed on the new mainline route and Cotton Grove Road by providing 14-ft. wide outside lanes and two feet of concrete gutter. Sidewalks (5 feet wide) will be provided along both sides of the mainline route and along Cotton Grove Road. The City of Lexington has formally requested these enhancements and during final design, NCDOT Roadway Design Unit, Roadside Environmental Unit, and Division 9 will coordinate any project enhancements with the City. A municipal agreement will be executed regarding the sidewalks and costs of non-standard items (such as additional landscaping) and the City of Lexington will pay for those additional costs.

There is no existing greenway system in the project area.

IV. SUMMARY OF ENVIRONMENTAL EFFECTS

Table 2: Summary of Impacts

Category		Units	Alternative 1B
Project Length		Miles	2.388
Relocations	Residential Relocations	Total	15
		Minority	11
	Business Relocations	Total	4
		Minority	1
	Non-Profit Relocations	Total	0
	Farm Relocations	Total	0
Total Relocations		Total	19
Geo-enviro.	Potential Hazardous Material Sites	Each	3
	Underground Storage Tanks Affected	Each	7
Surface Waters	Wetland Impacts	Each/ Acres	3 / 0.02
	Ponds Impacts	Each/ Acres	2 / 2
	Stream Impact	Each/ Linear feet	13/ 2,930
Species	Protected Species	Each	0
Farmlands	Farmlands: Prime	Acres	39.0
	Farmland: Statewide	Acres	24.9
	Farmland: Total	Acres	63.9
Forests	Mixed Pine-Hardwood Forest	Acres	26.0
Historic	Architectural Resources	No. of Eligible Properties	0
	Archaeological Resources	No. of Eligible Sites	0
Noise	Noise (0 – 6 dBA)	Impacted Properties	11
Air Quality	Air Quality – CO Carbon Monoxide Concentration	NAAQS Standard	In Compliance
	Air Quality – O ₃ Ozone Concentration	NAAQS Standard	In Compliance

NOTES: NAAQS = (National Ambient Air Quality Standards)
Maximum CO permitted per 1-hour averaging period is 35 parts per million
Maximum O₃ permitted per 1-hour averaging period is 35 parts per million